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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

S. KANNO et al

Serial No.

Filed: September 13, 2001

For: PROCESS AND APPARATUS FOR THE DECOMPOSITION
OF FLUORINE COMPOUNDS

PRELIMINARY AMENDMENT

Commissioner of Patents
Washington, D.C.

Sir:

Prior to examination, please amend the above-identified application as follows.

IN THE CLAIMS

Rewrite claims 5, 7-10 and 16-18 as follows.

5. (Amended) A process for the decomposition of fluorine compounds as claimed in claim 1, wherein said a catalyst for the decomposition of at least one of CO, SO₂F₂ or N₂O contains at least one selected from Pd, Pt, Cu, Mn, Fe, Co, Rh, Ir and Au in the form of a metal or an oxide.

7. (Amended) A process for the decomposition of fluorine compounds as claimed in claim 1, wherein said a catalyst for the decomposition of at least one of CO, SO₂F₂ or N₂O is selected from a catalyst of Pd and La carried on alumina, a catalyst of